

**THE COMMISSIONER OF PATENTS AND TRADEMARKS**  
**WASHINGTON, D.C. 20231**

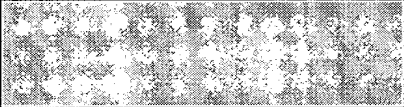

Sir:

Transmitted herewith for filing is the Utility patent application of:

INVENTOR:	<b>AKIRA FUJIBAYASHI</b>
FOR:	<b>HEARTBEAT APPARATUS VIA REMOTE MIRRORING LINK ON MULTI-SITE AND METHOD OF USING THE SAME</b>

Enclosed are:

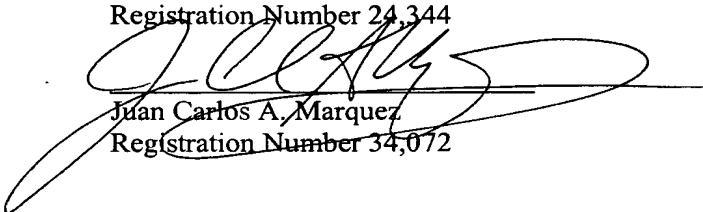
- ☒ 27 sheets of ☐ formal ☐ informal drawings.
- ☒ An Executed Declaration.
- ☒ An Assignment of the invention to Hitachi, Ltd.
- ☒ An Information Disclosure Statement with PTO Form 1449.
- ☒ The filing fee is calculated as shown below:

FOR	NUMBER FILED		NUMBER EXTRA	RATE	CALCULATIONS
TOTAL CLAIMS	16	-20		x\$18 =	0.00
INDEPENDENT CLAIMS	2	-3		x\$86 =	0.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)				+\$290 =	
				BASIC FEE	\$770.00
				TOTAL OF ABOVE	0.00
REDUCTION BY 1/2 FOR FILING BY SMALL ENTITY (note 37 C.F.R. §§ 1.9, 1.27, 1.28). IF APPLICABLE, VERIFIED STATEMENT MUST BE ATTACHED					
				<b>TOTAL</b>	<b>770.00</b>

- ☒ A check in the amount of **\$810.00** to cover the filing and assignment recordation fees is enclosed.
- ☒ The Commissioner is hereby authorized to charge any additional fees associated with this communication, including patent application filing fees and processing fees under 37 C.F.R. § 1.16 and 1.17, or credit any overpayment to **Deposit Account Number 08-1480**.

Respectfully submitted,

Stanley P. Fisher  
 Registration Number 24,344

  
 Juan Carlos A. Marquez  
 Registration Number 34,072

**REED SMITH LLP**  
 3110 Fairview Park Drive  
 Suite 1400  
 Falls Church, Virginia 22042  
 (703) 641-4200  
**March 17, 2004**

17497 U.S. PTO  
 10/802003  
 031704